

FIG. 2

Trusted program sends data packets with defined rules of transmission, with high priority - DiffServ or other asynchronous and time-driven priority protocols

- Consequently, only such data packets will get premium service and will not be subject to DoS

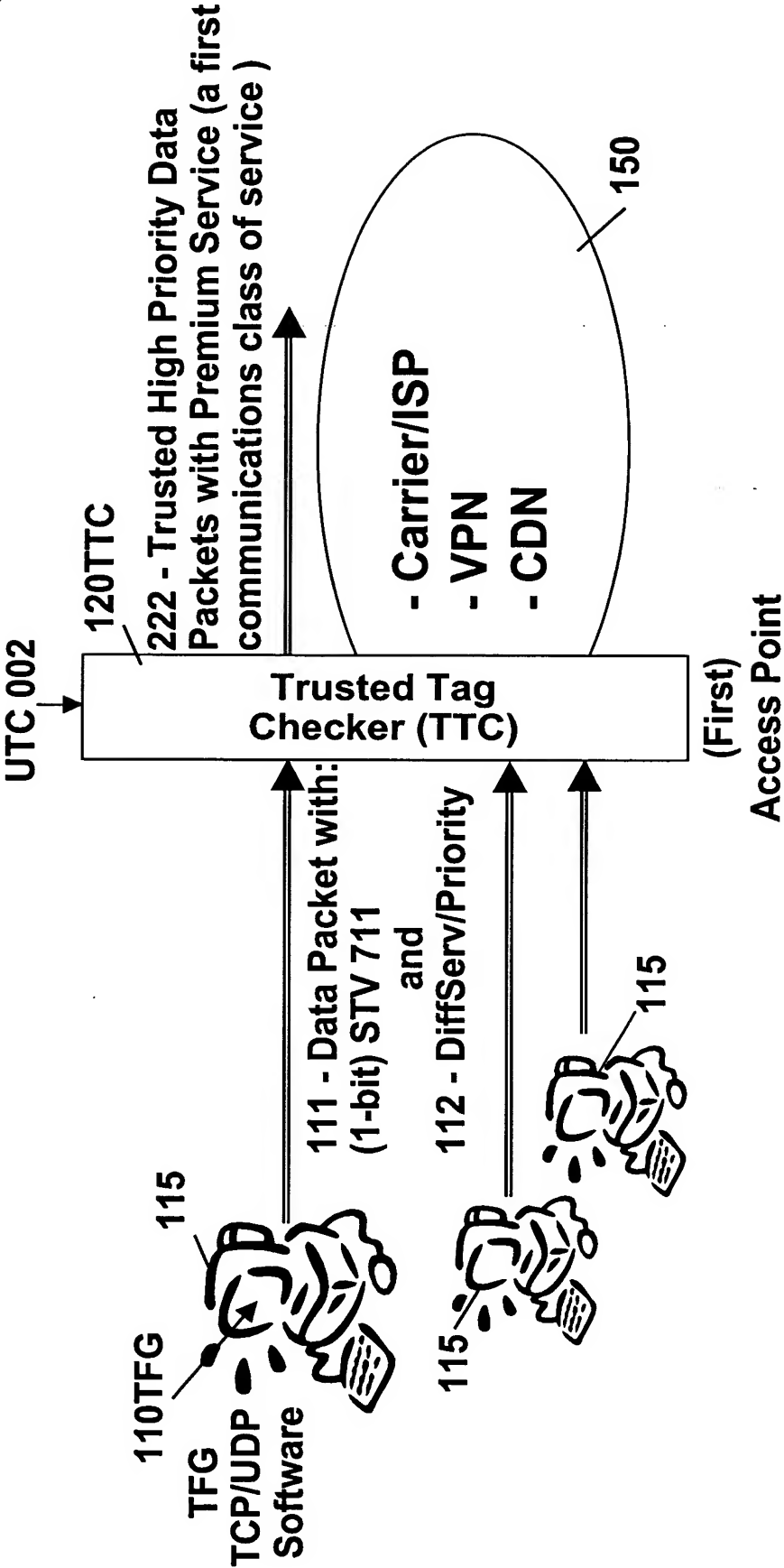


FIG. 3

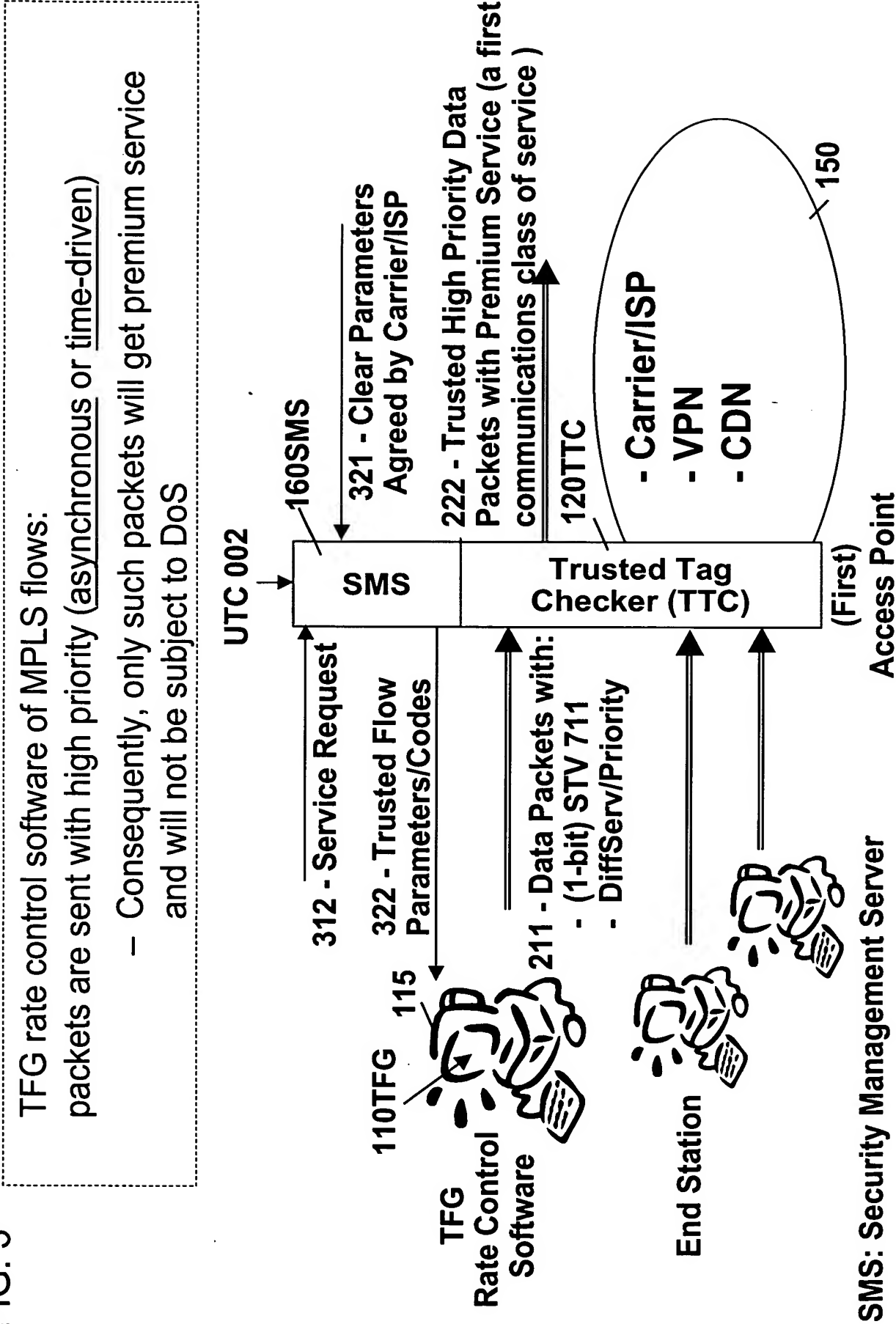


FIG. 4

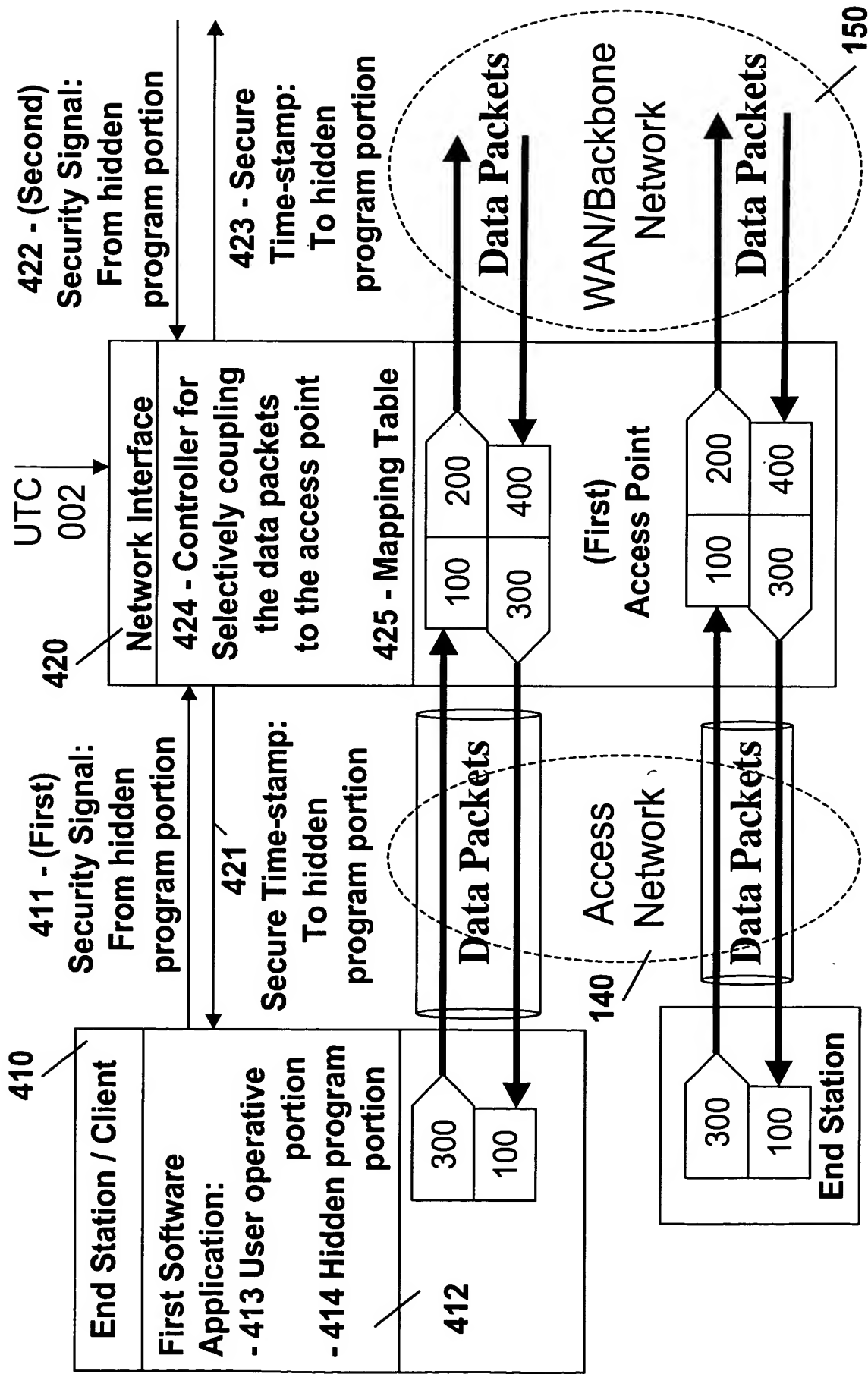


FIG. 5

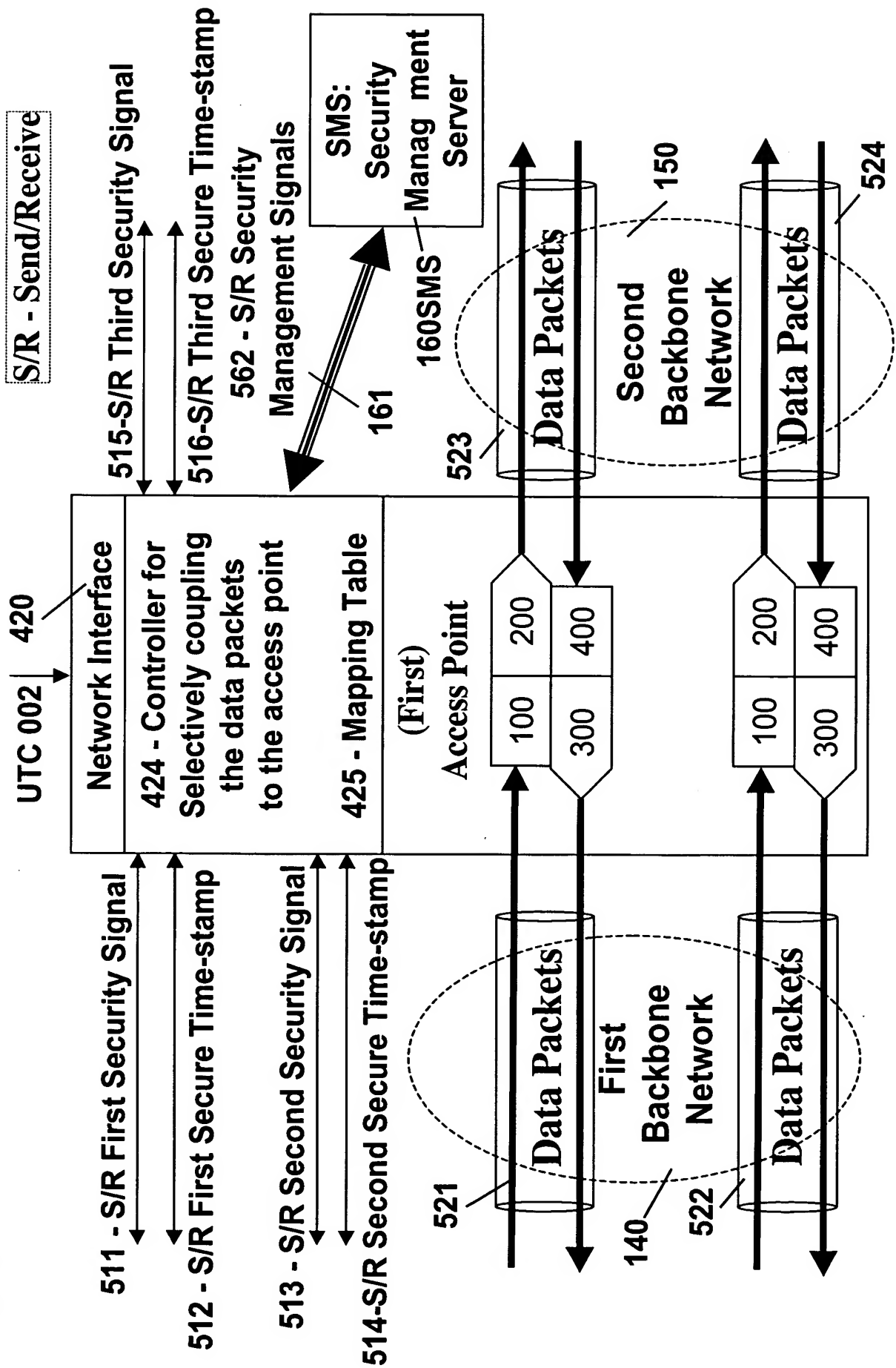
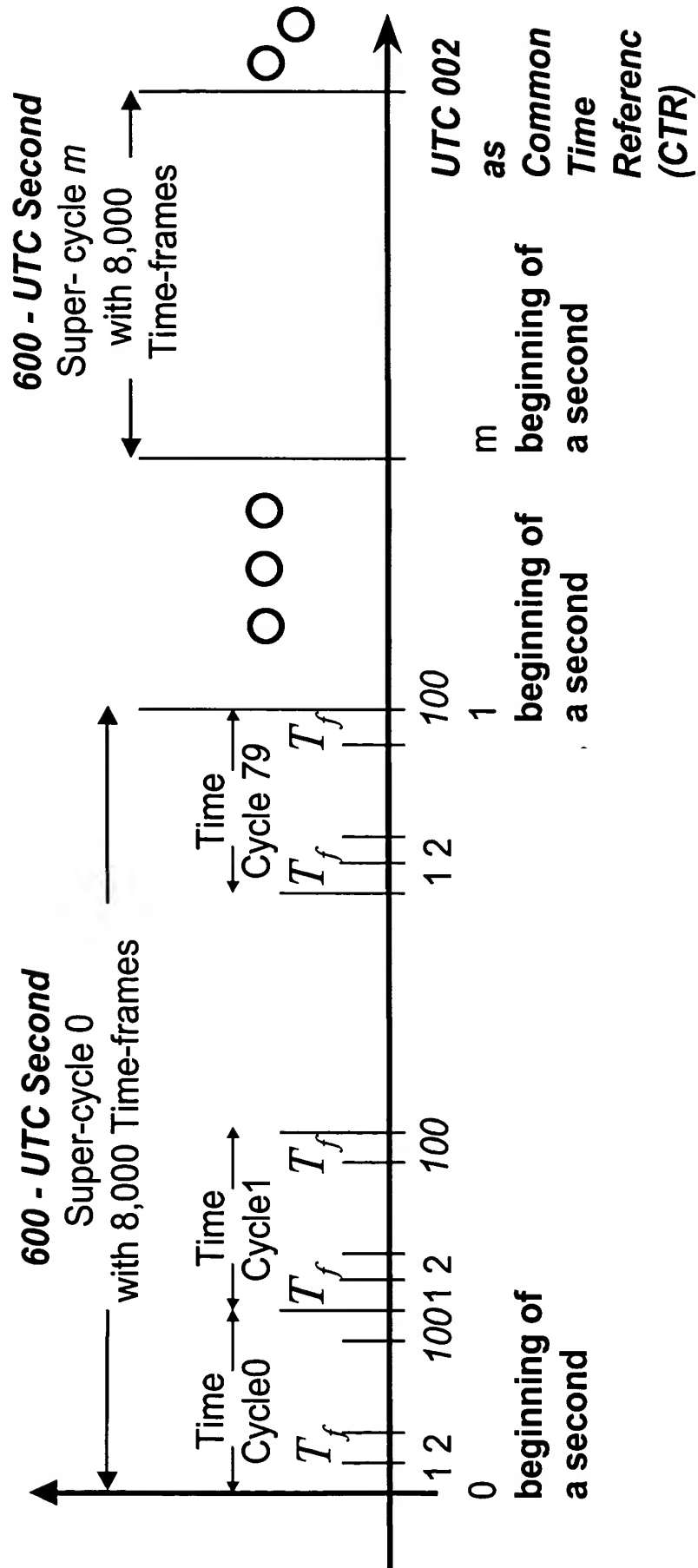


FIG. 6



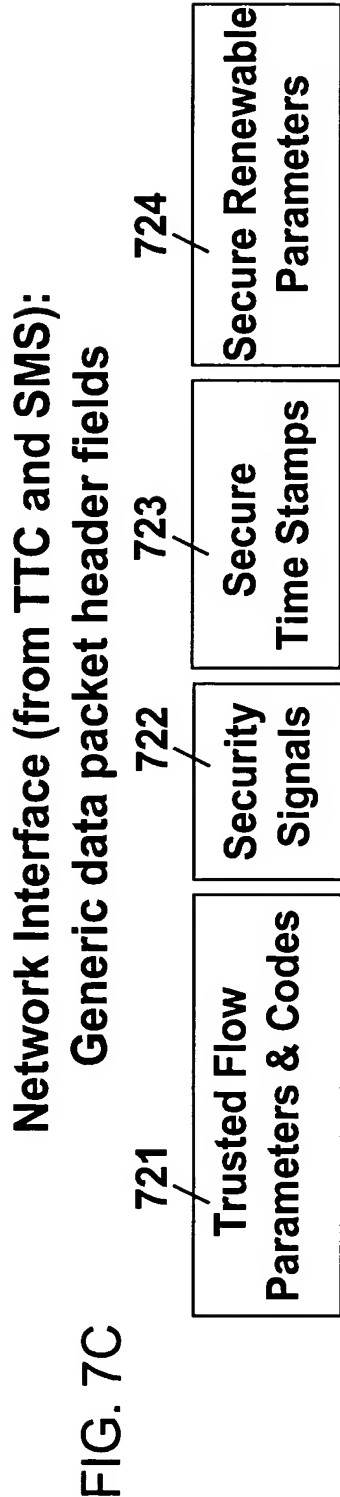
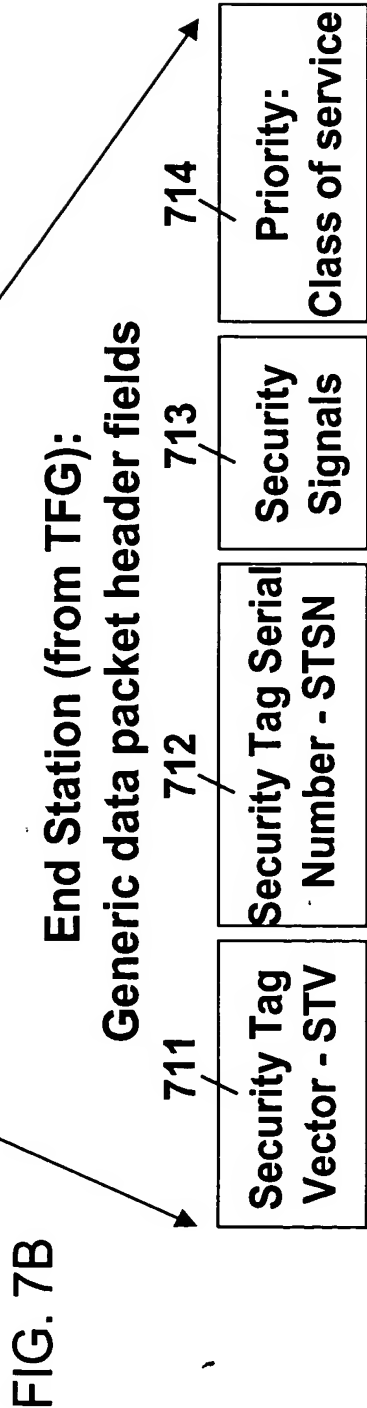
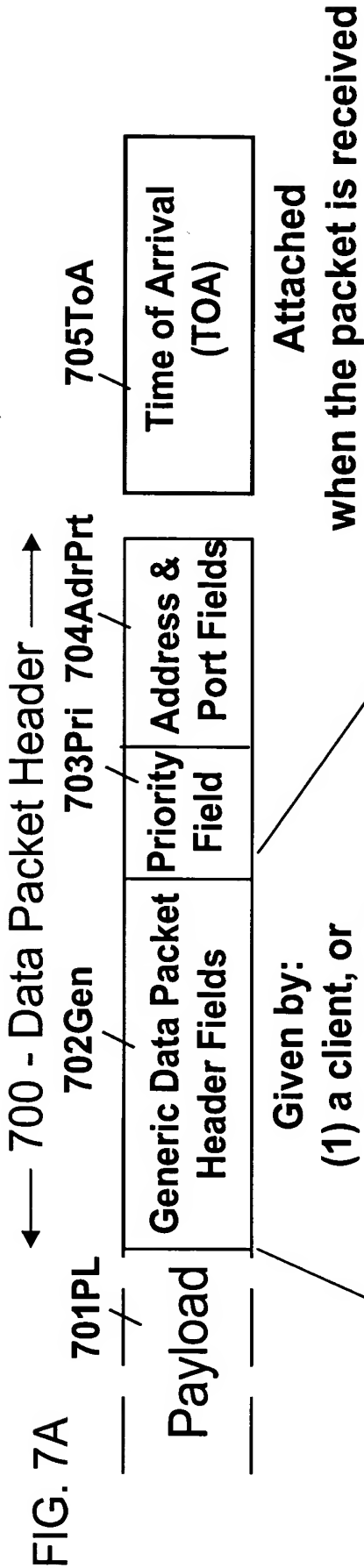


FIG. 8 Trusted Flow Generator (TFG) Software (functional description):
as part of the hidden program portion (first computing element)

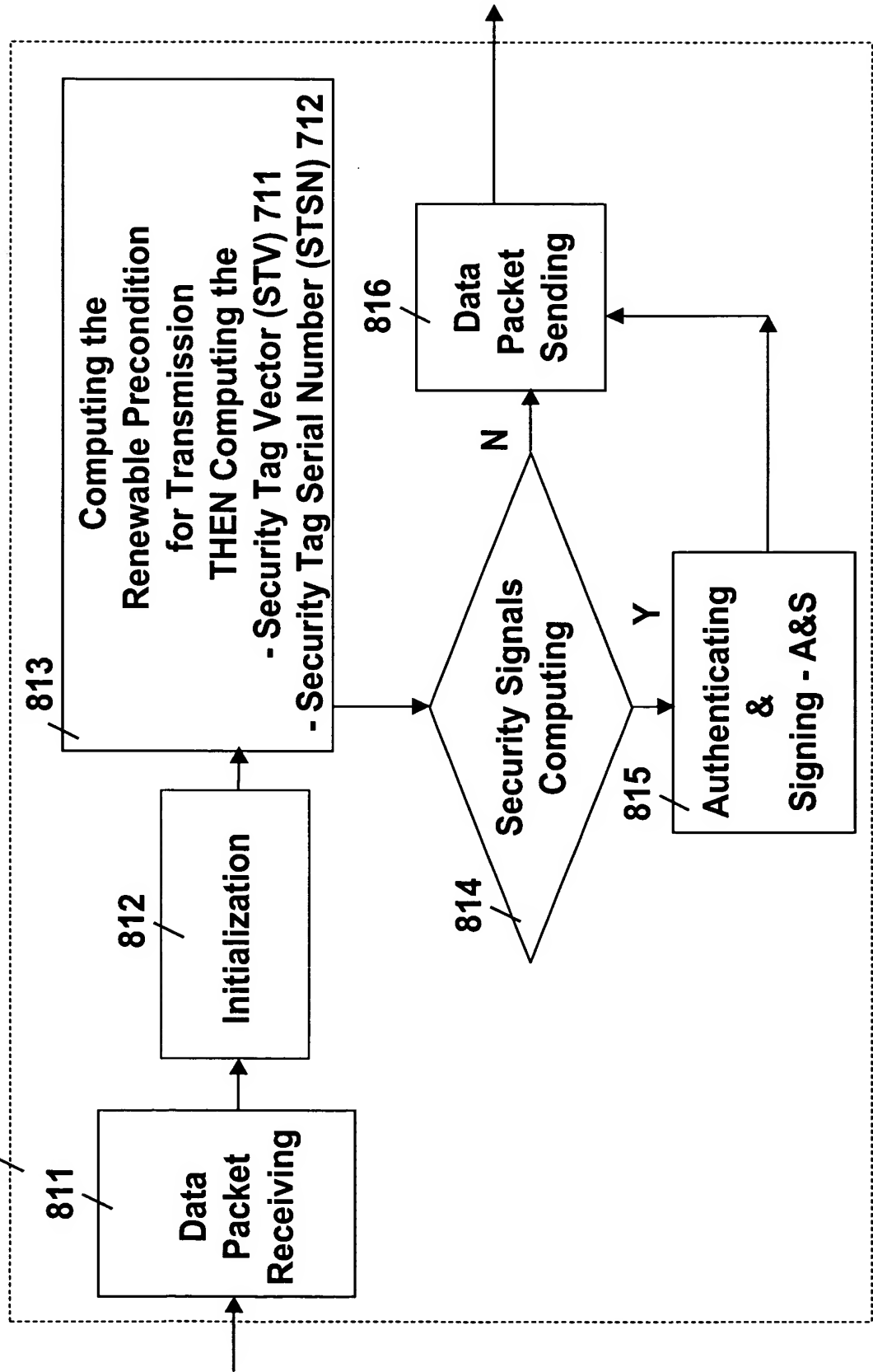


FIG. 9
Trusted Tag Checker (TTC) Operation (functional description):
(second computing element)

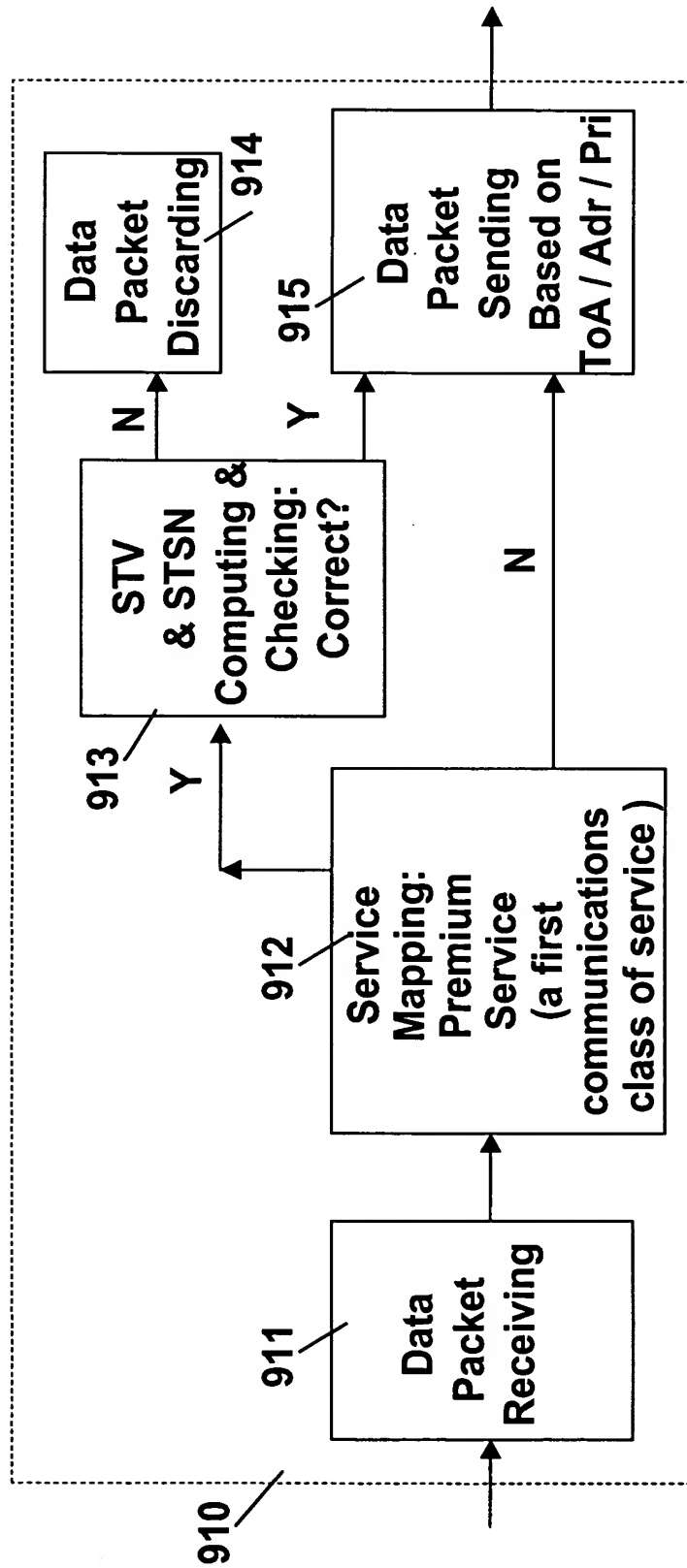


FIG. 10

Trusted Flow Generator (TFG) - 110TFG (first computing element)

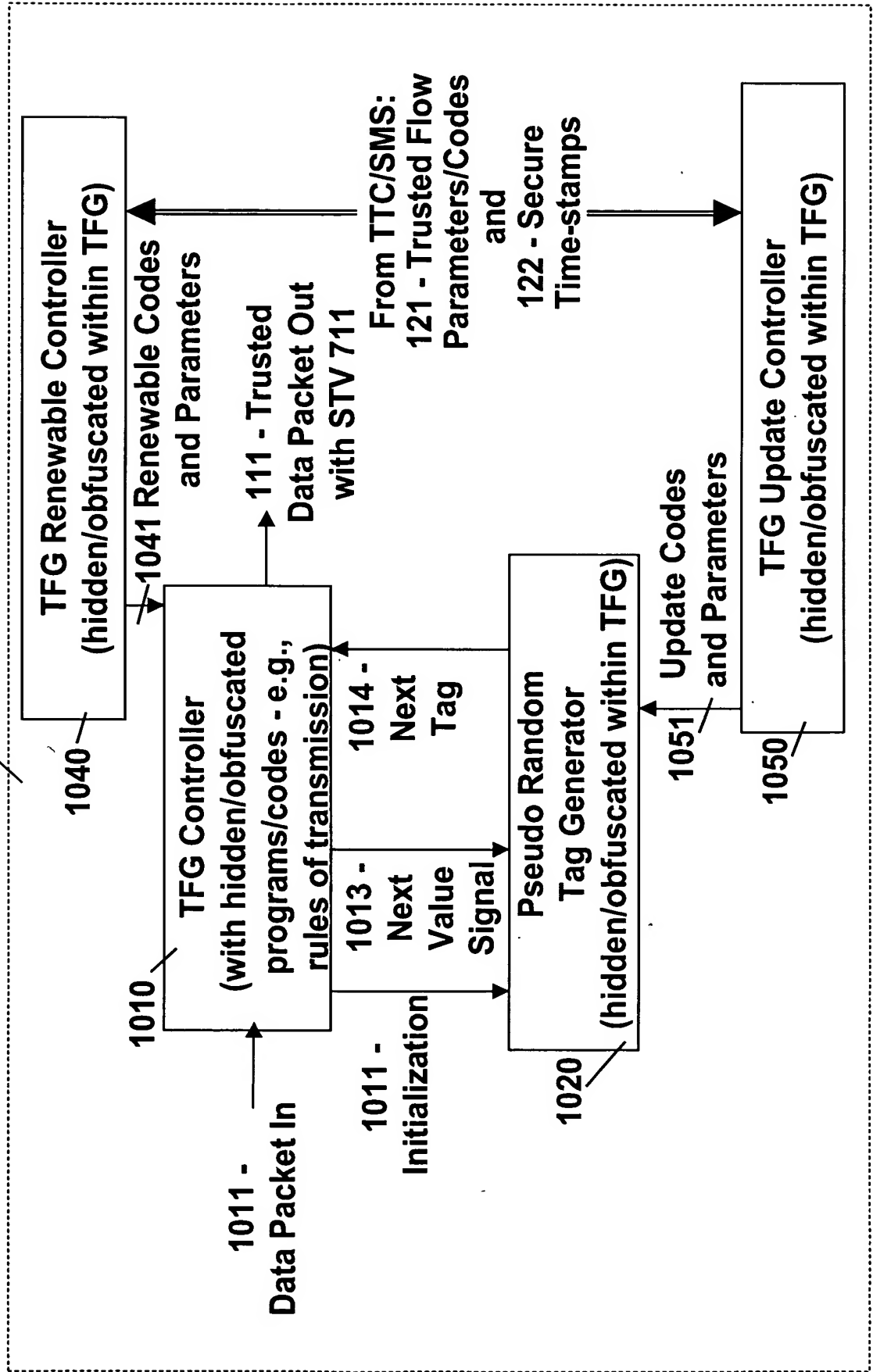


FIG. 11

Trusted Tag Checker (TTC) - 120TTC (second computing element)

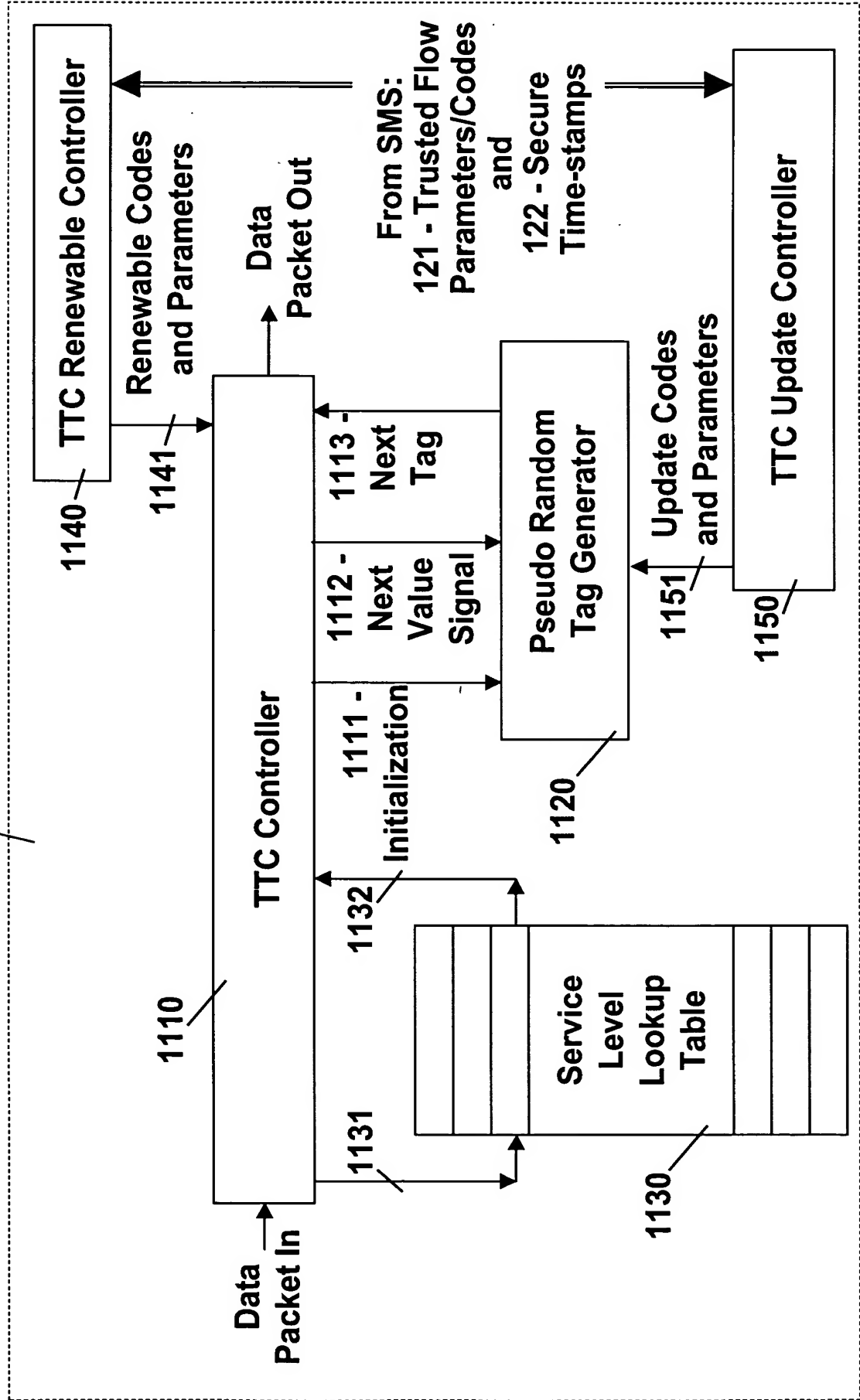


FIG. 12A

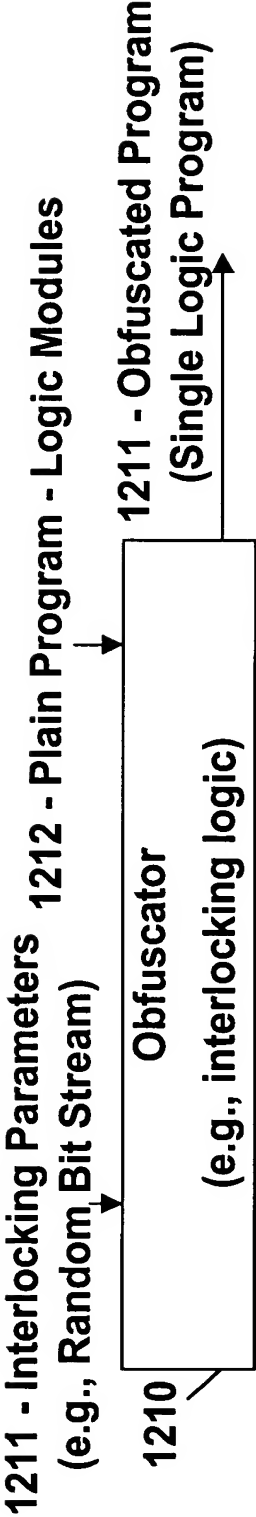


FIG. 12B

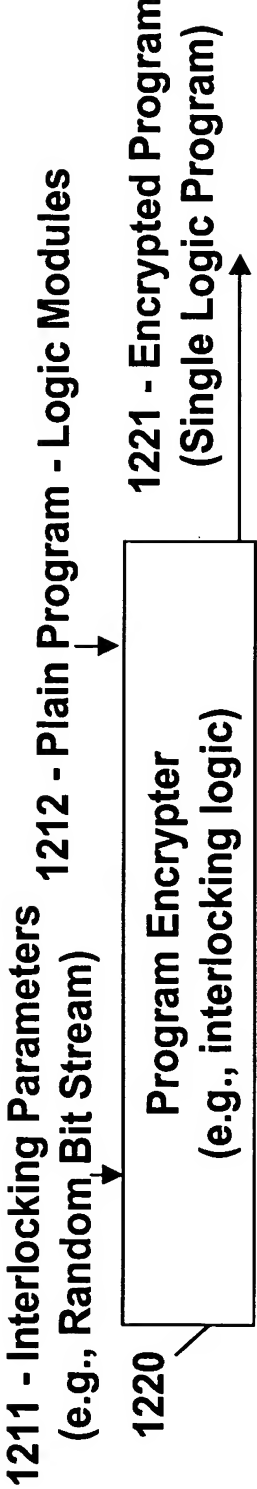


FIG. 12C

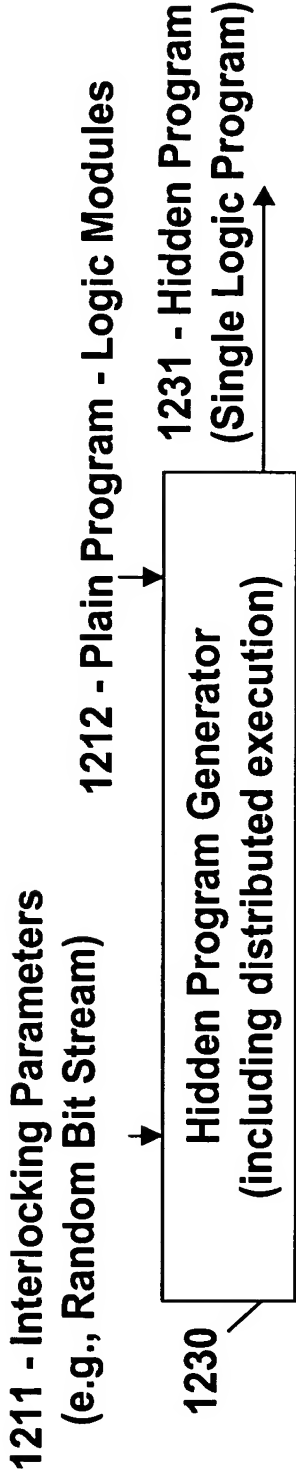


FIG. 12D

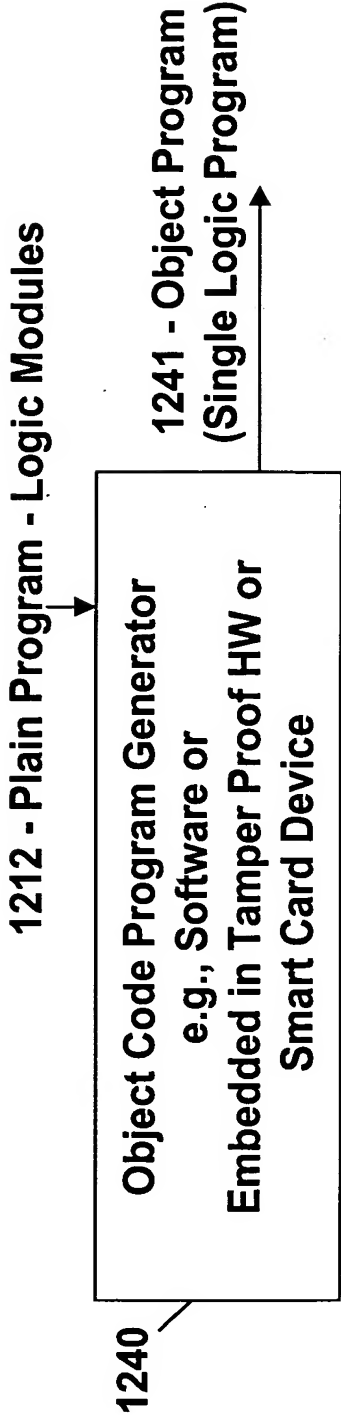


FIG. 13

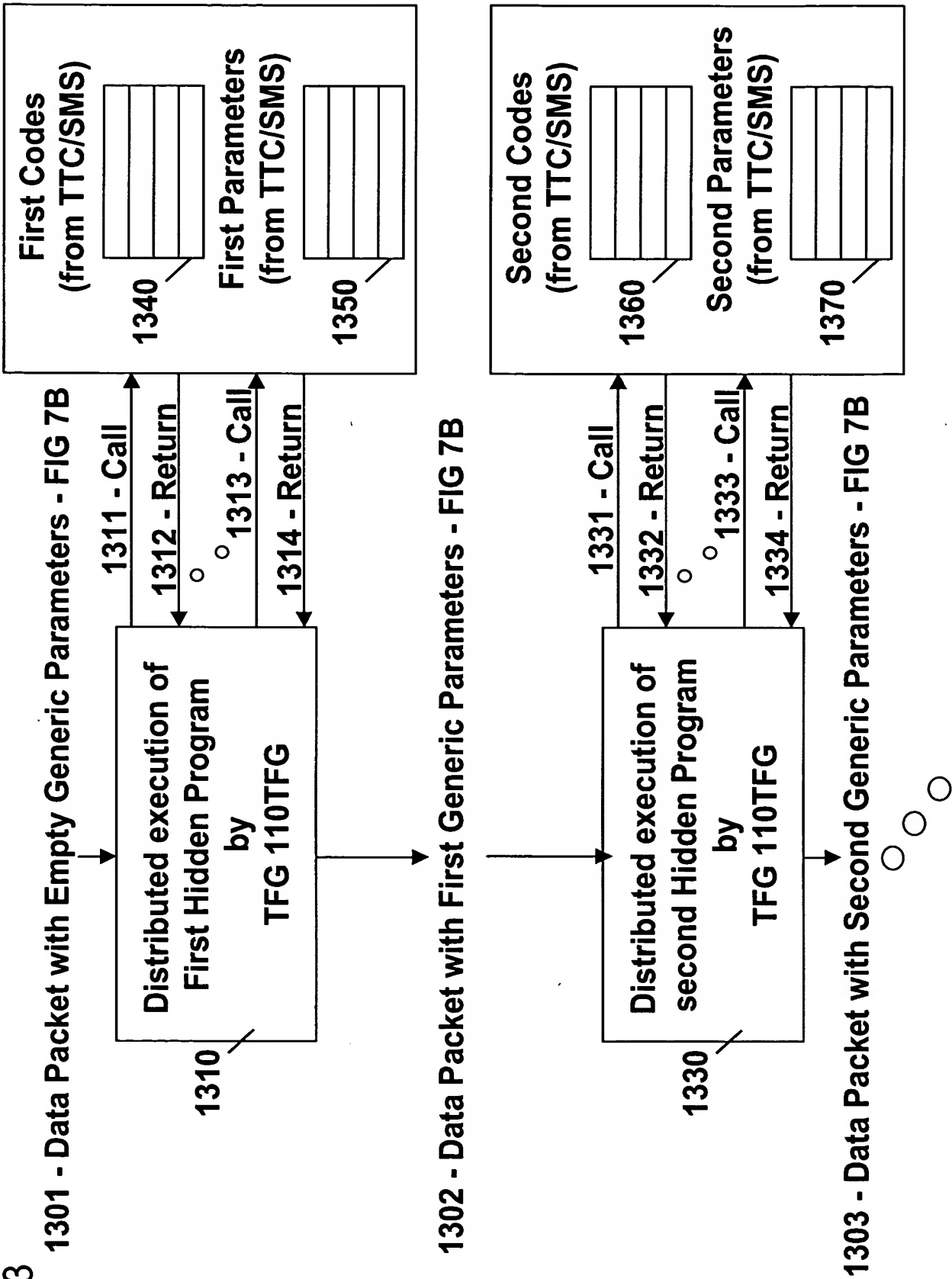


FIG. 14

1212 - Plain Program components

- 1. Well-behaved operational program (e.g., TCP)
with defined rules of transmission**
- 2. Cryptographic program (e.g., security tag vector (STV) generator)**
- 3. Parameter table (e.g., pseudo random seed)**
- 4. Control program (e.g., for automatic refresh parameters)**

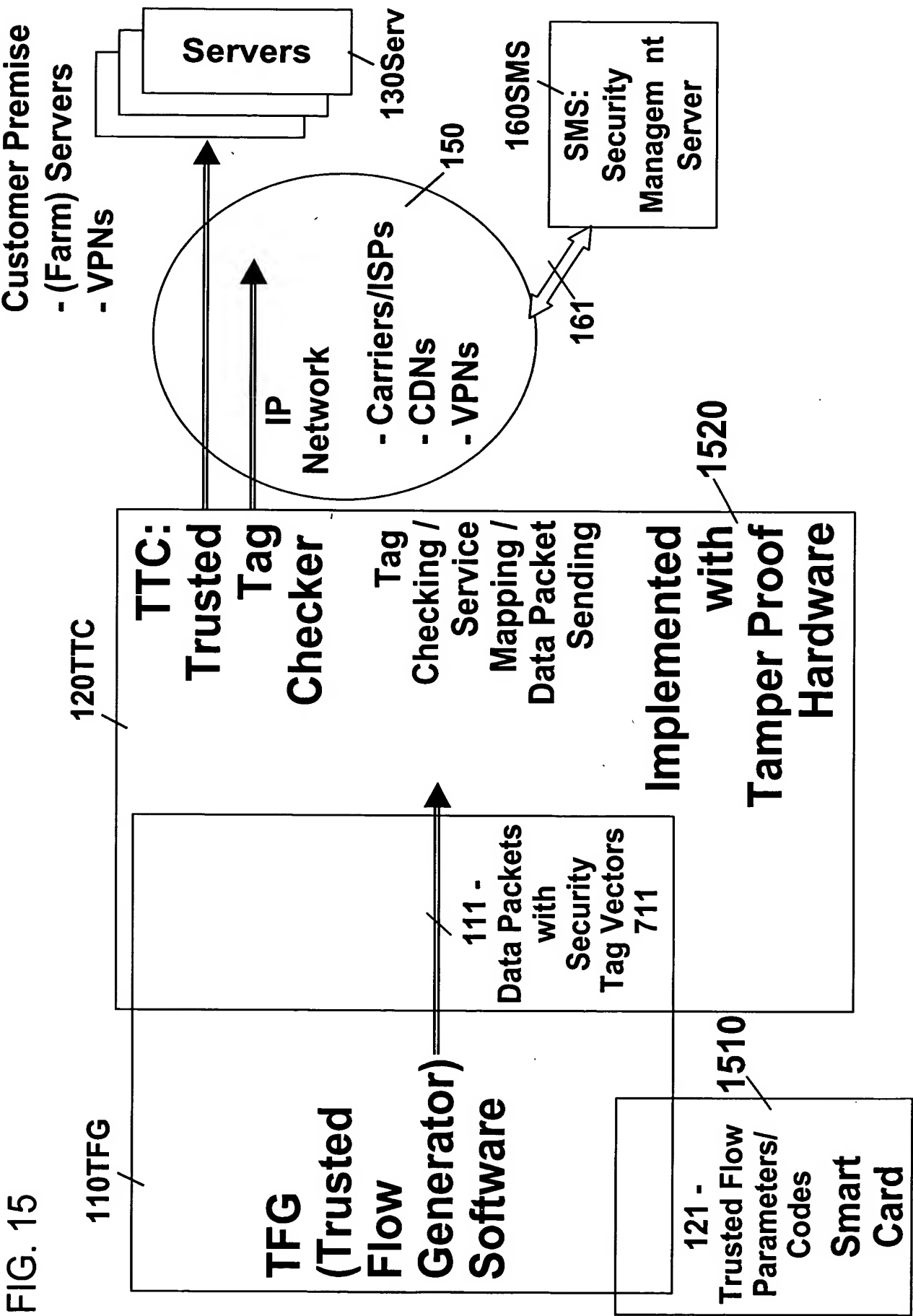


FIG. 16

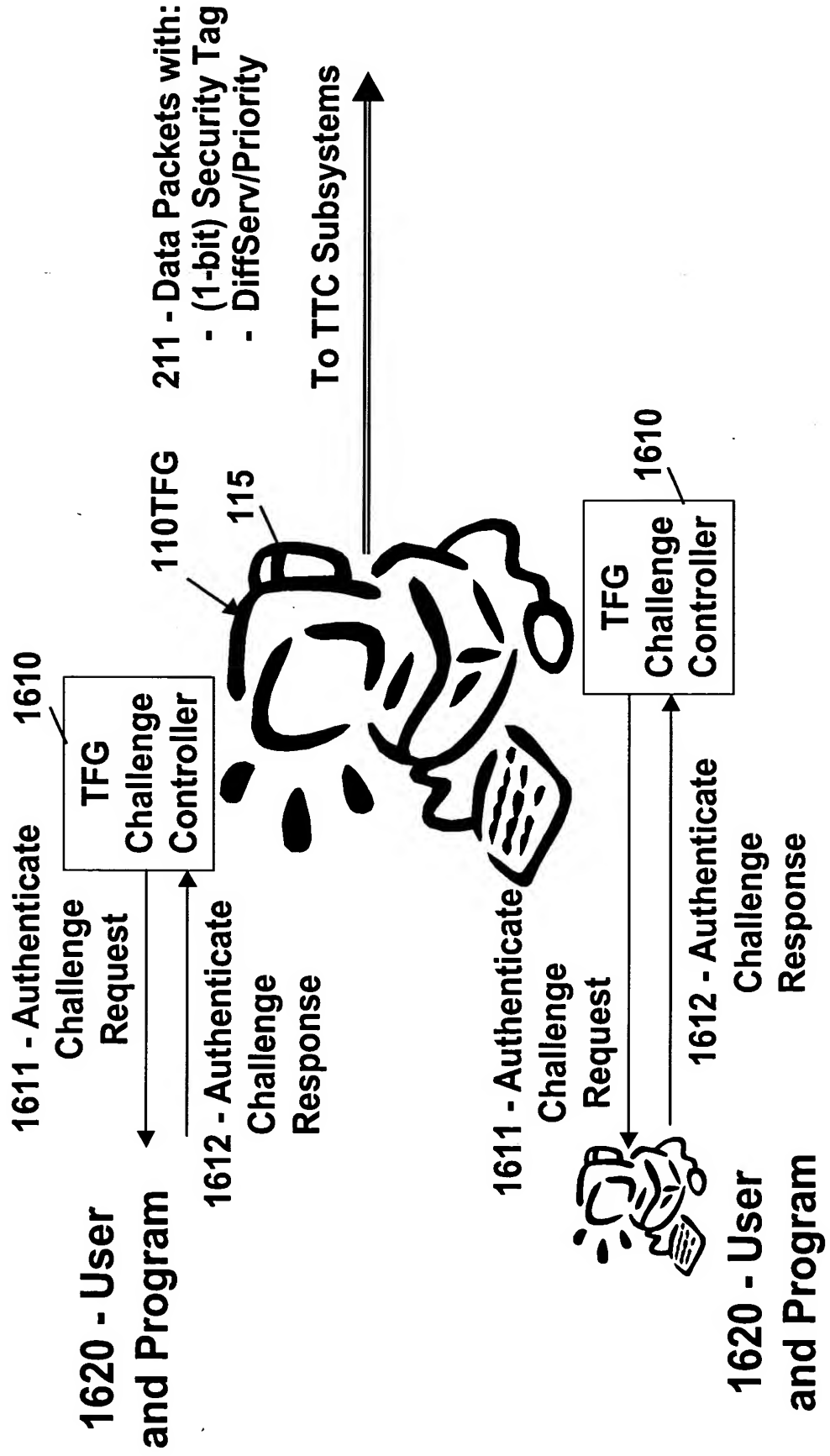
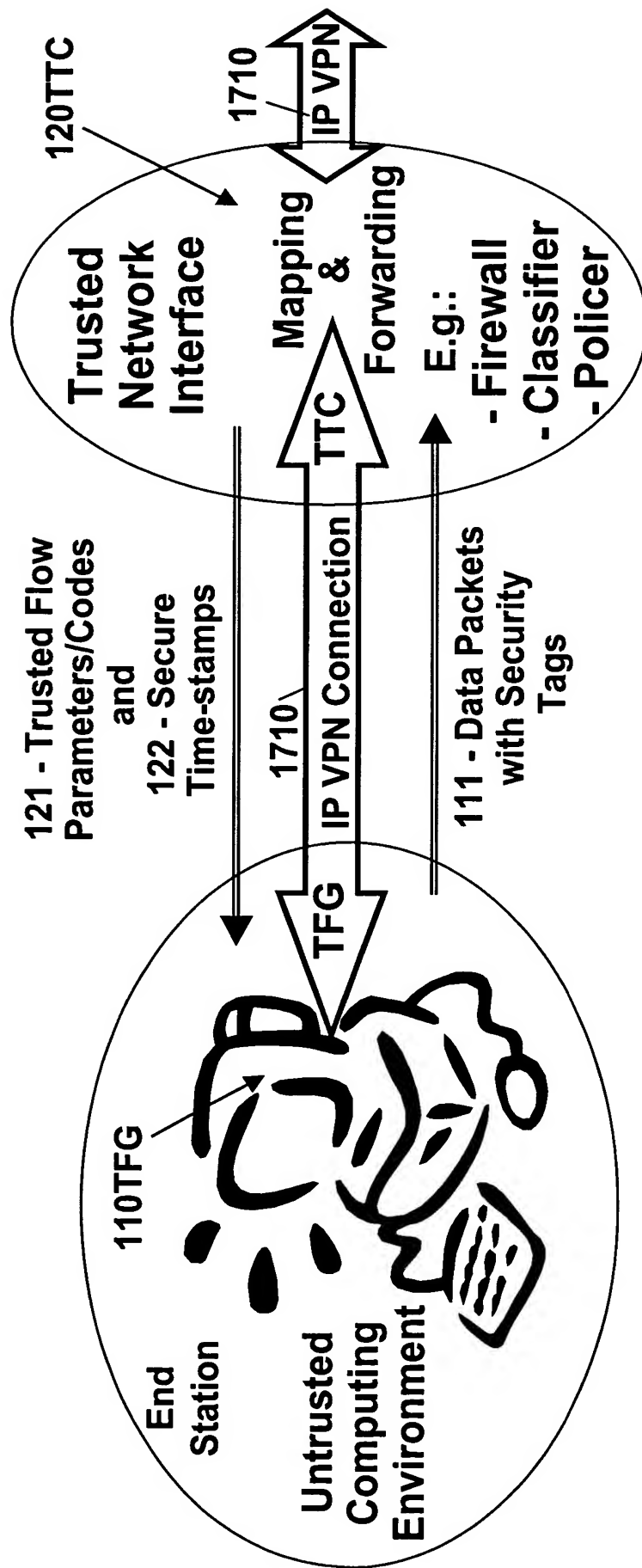
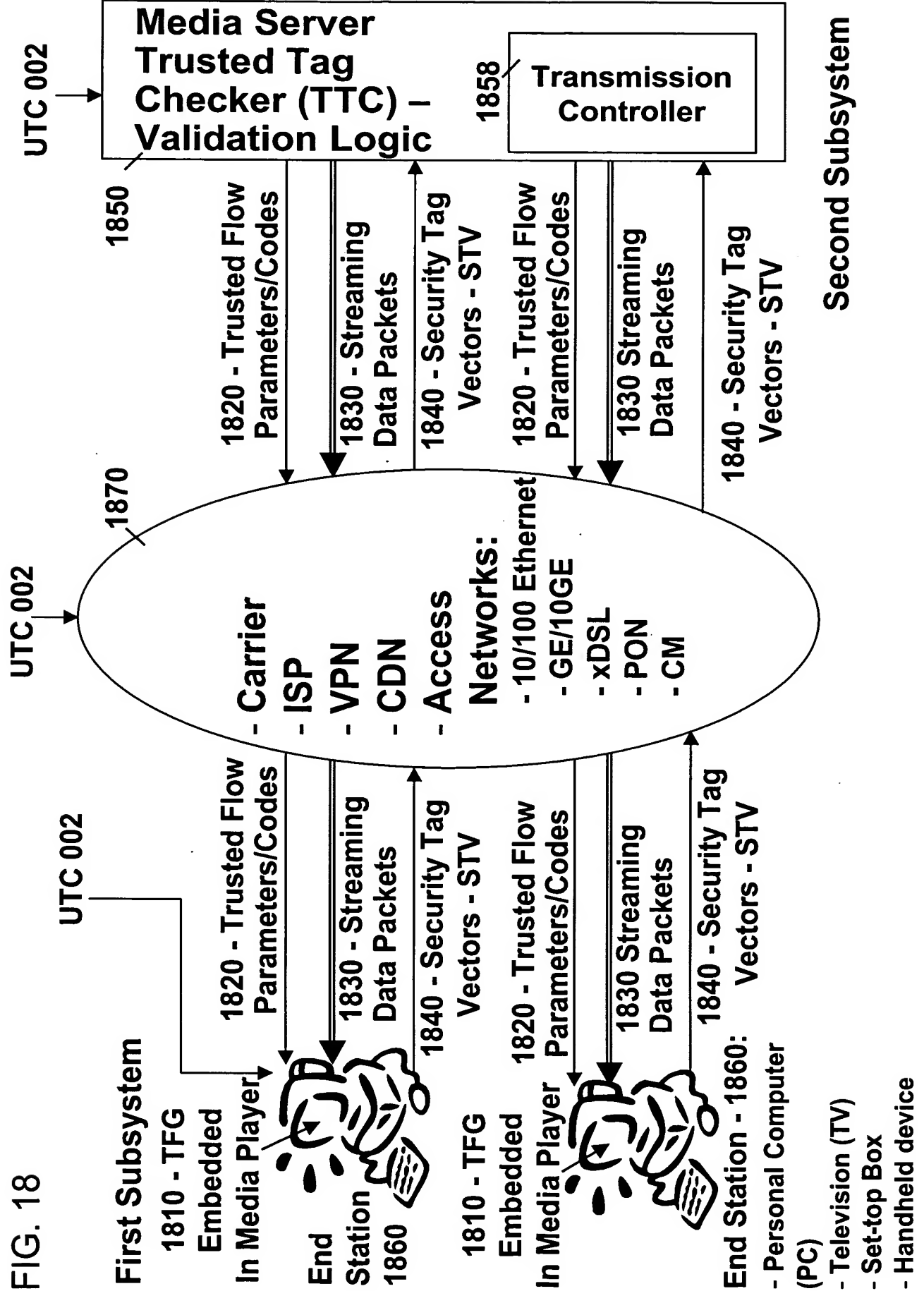


FIG. 17

**Relying on Trusted Network Interface
To Create Trusted Data IP Packet Flows
Through IP Virtual Private Network (VPN) Connections - 2810**





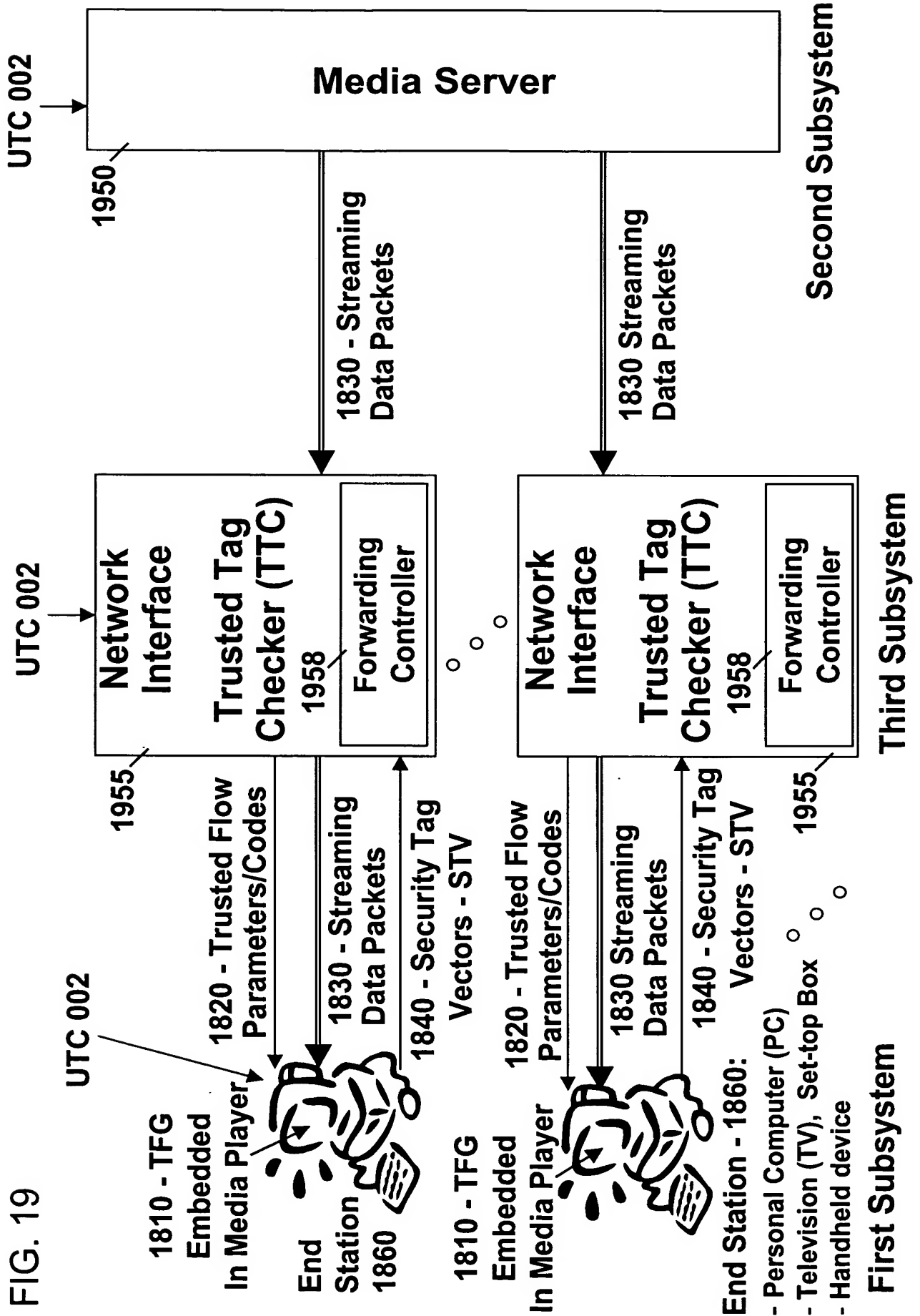
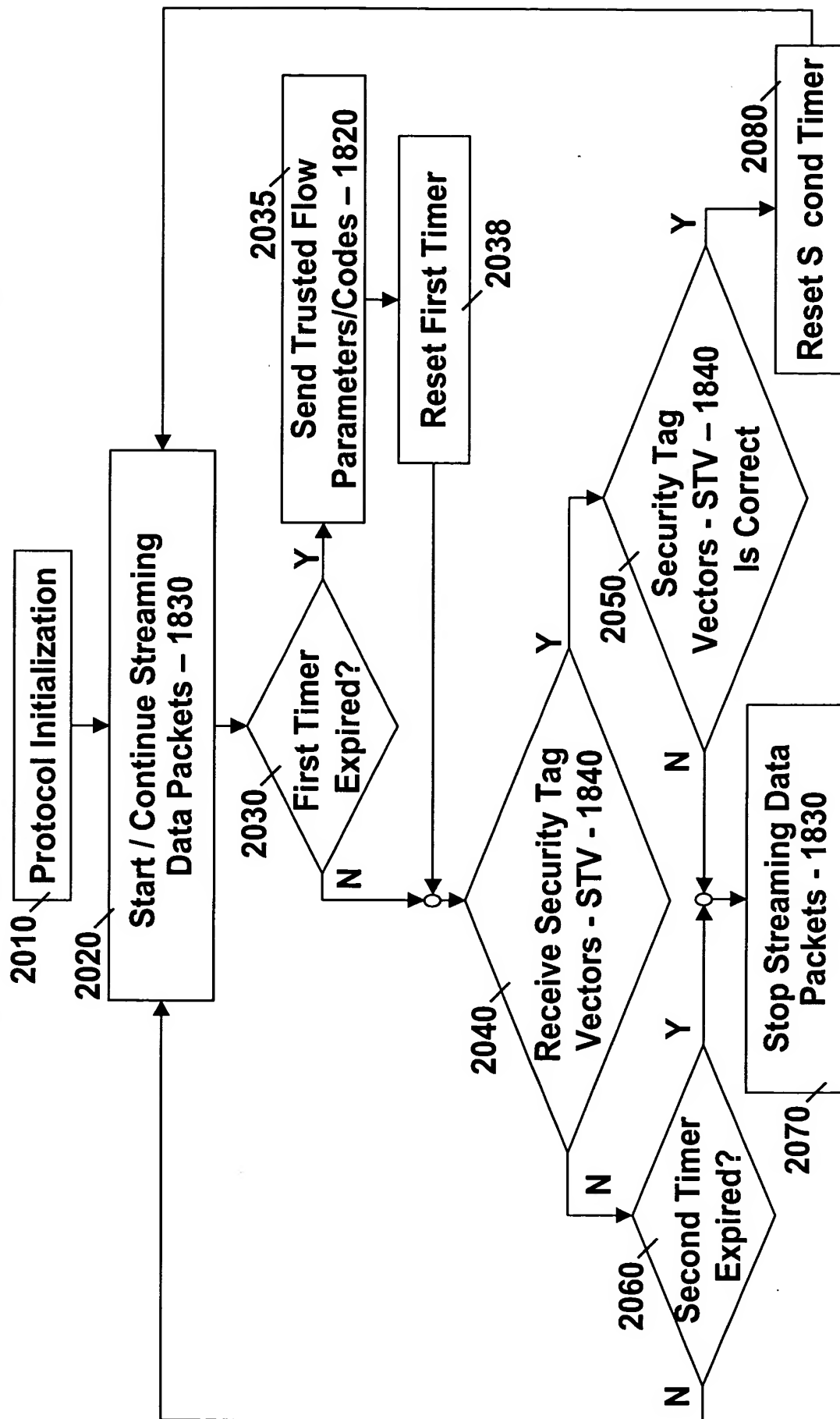


FIG. 20

Operation of the transmission controller 1858 of a subsystem (e.g., a Media Server with Trusted Tag Checker (TTC) – 1850) regulating the Transmission of Streaming Data Packets



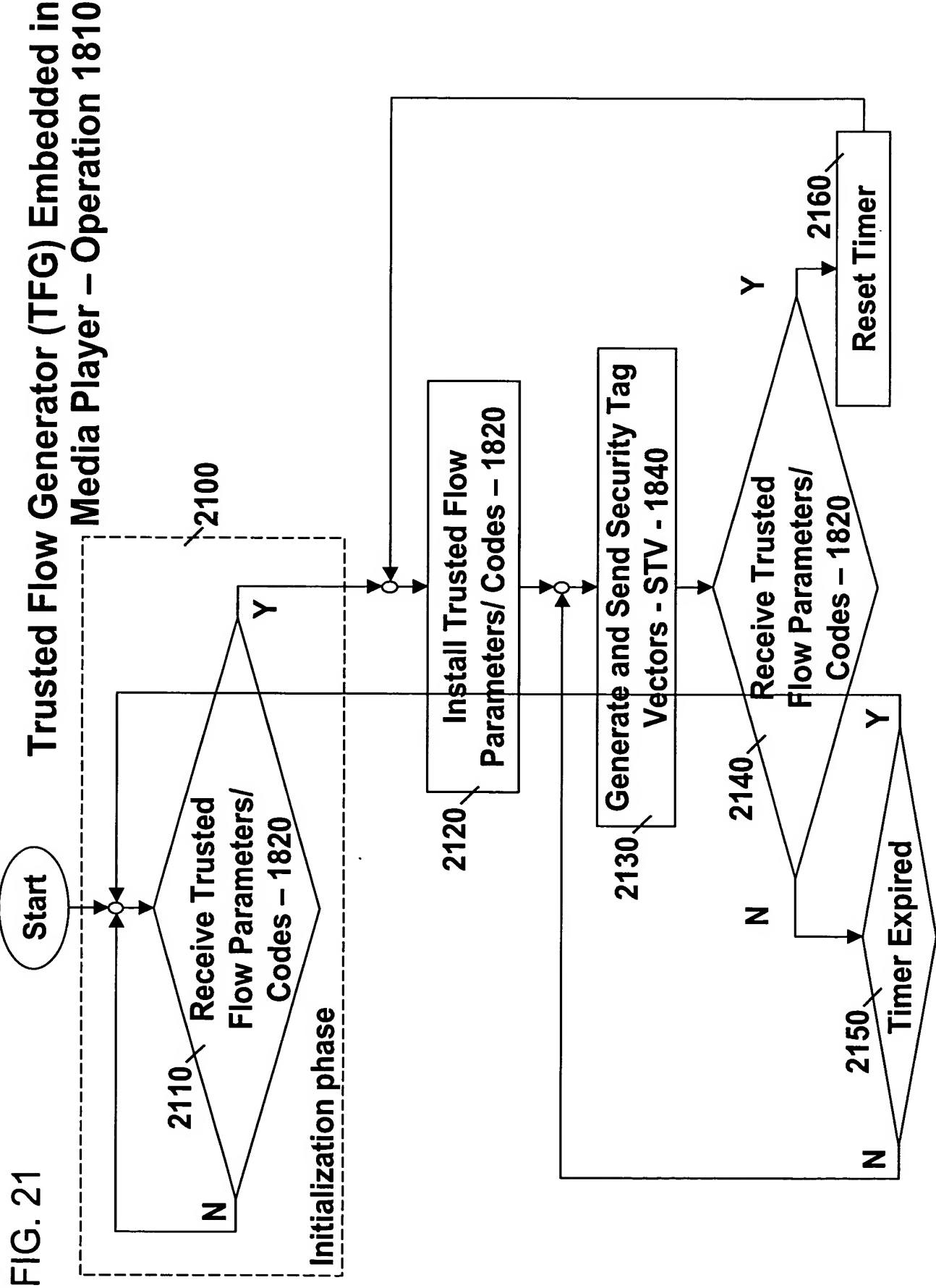
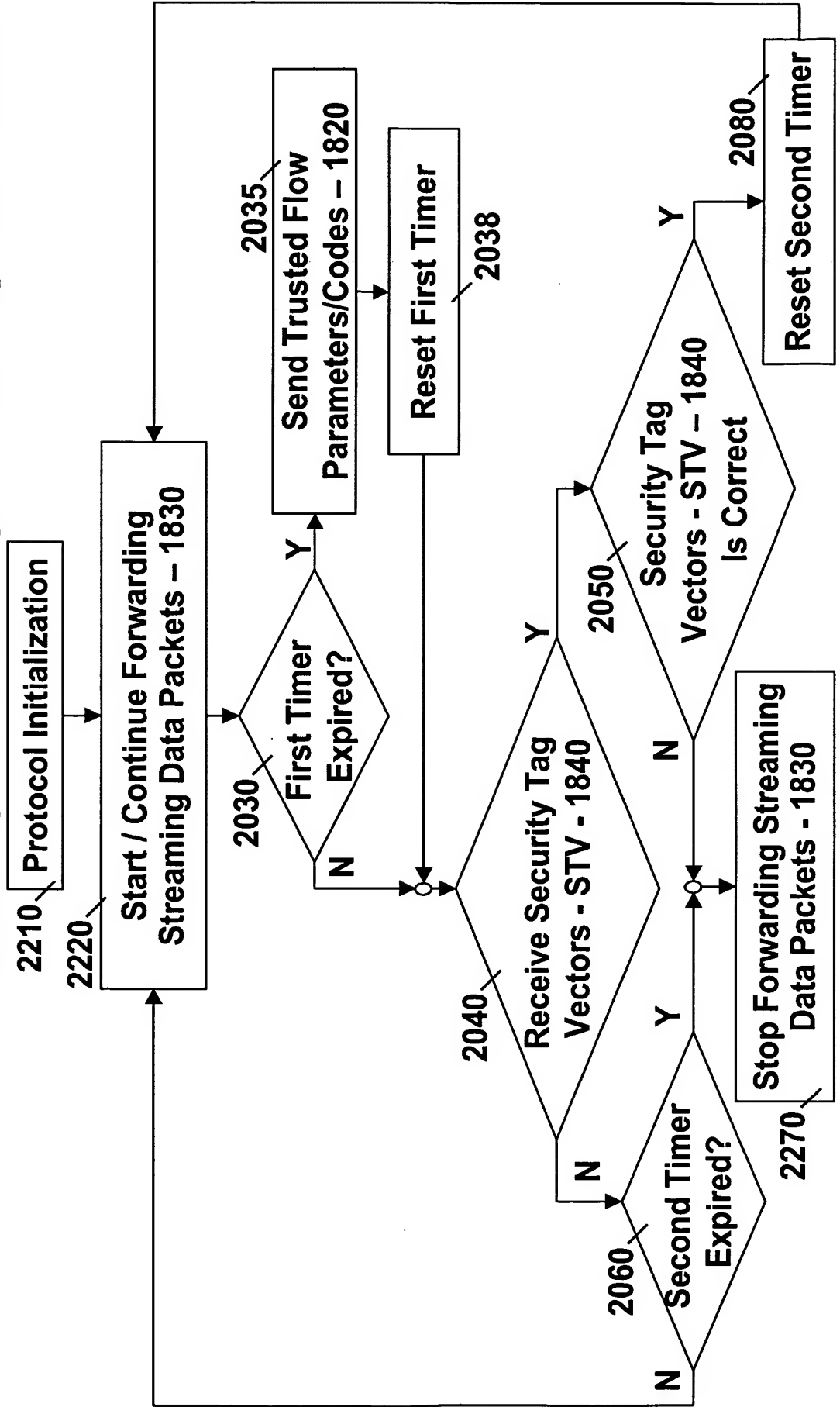


FIG. 22 **Operation of the forwarding controller 1958 of a subsystem (e.g., a Network Interface with Trusted Tag Checker (TTC) – 1955) regulating the forwarding of Streaming Data Packets**



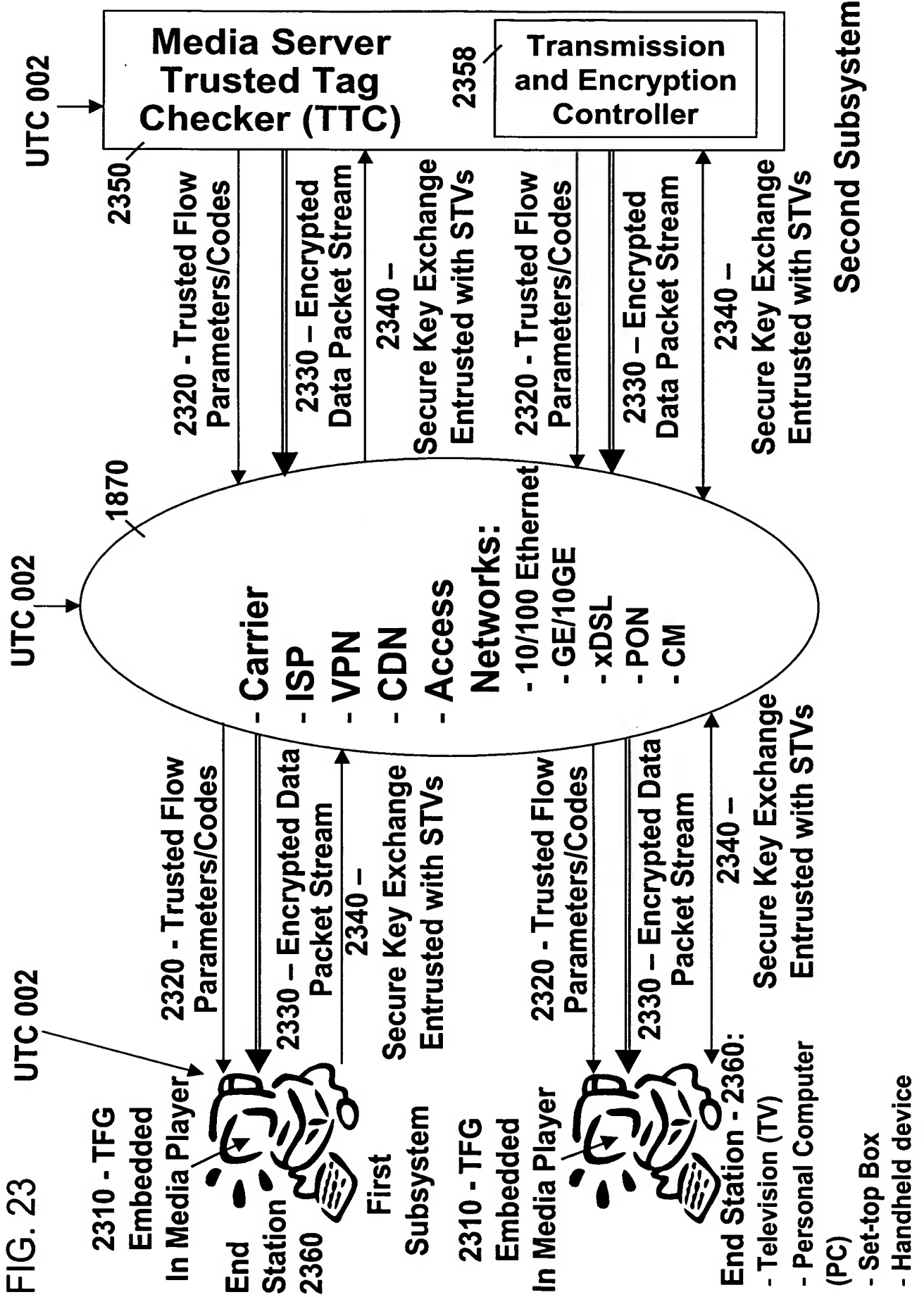
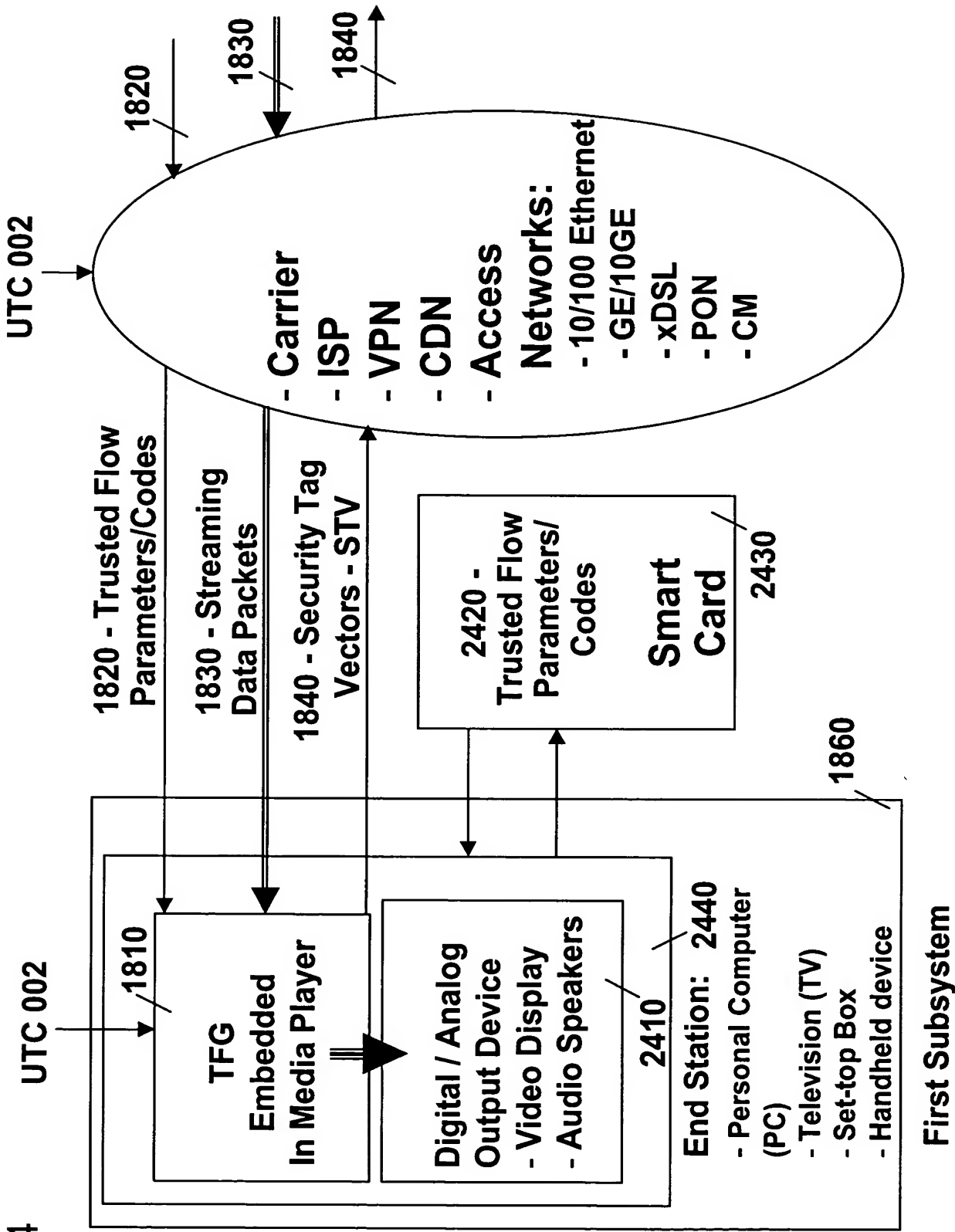


FIG. 24



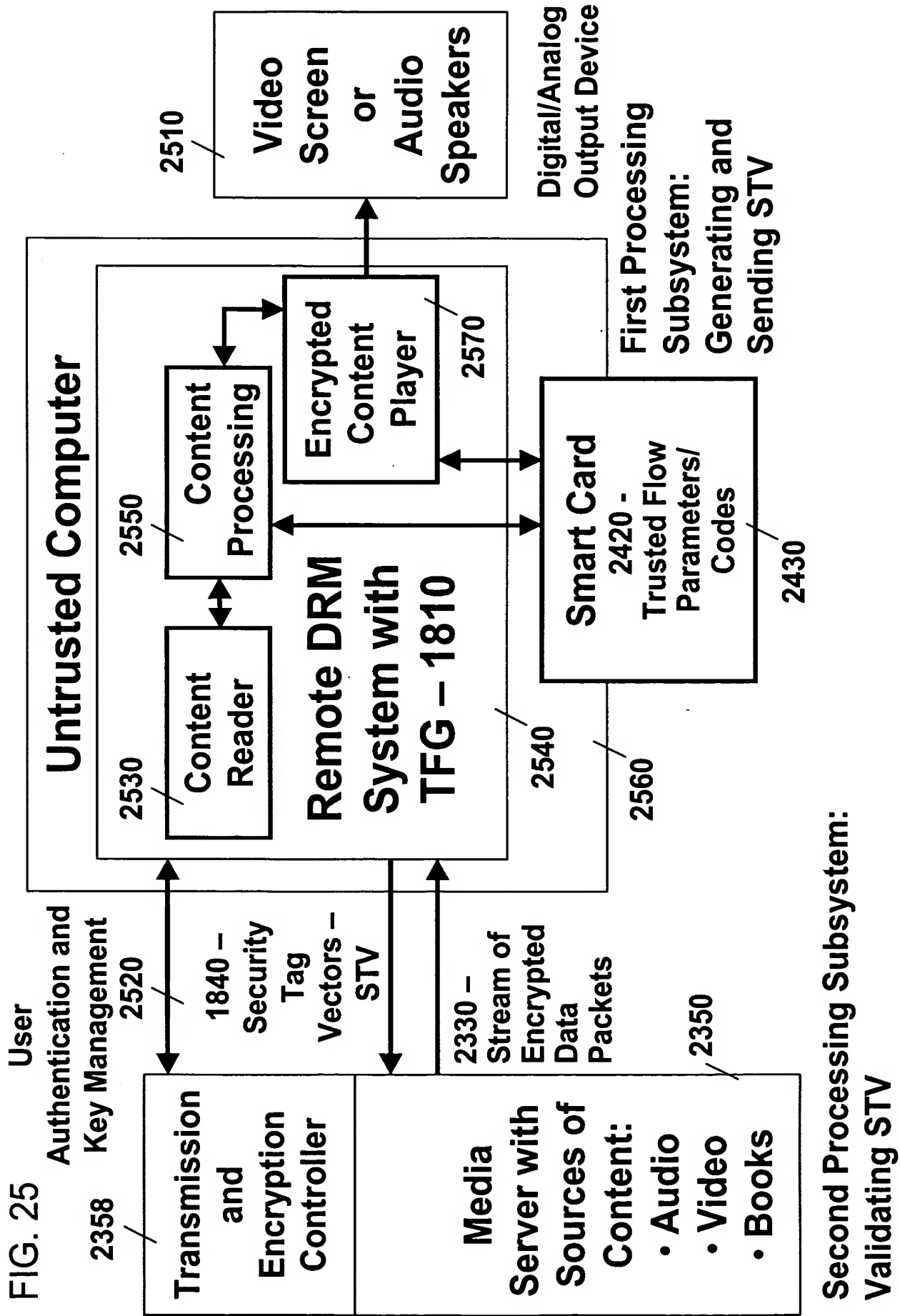


FIG. 26 Operation of the transmission and encryption controller 2358

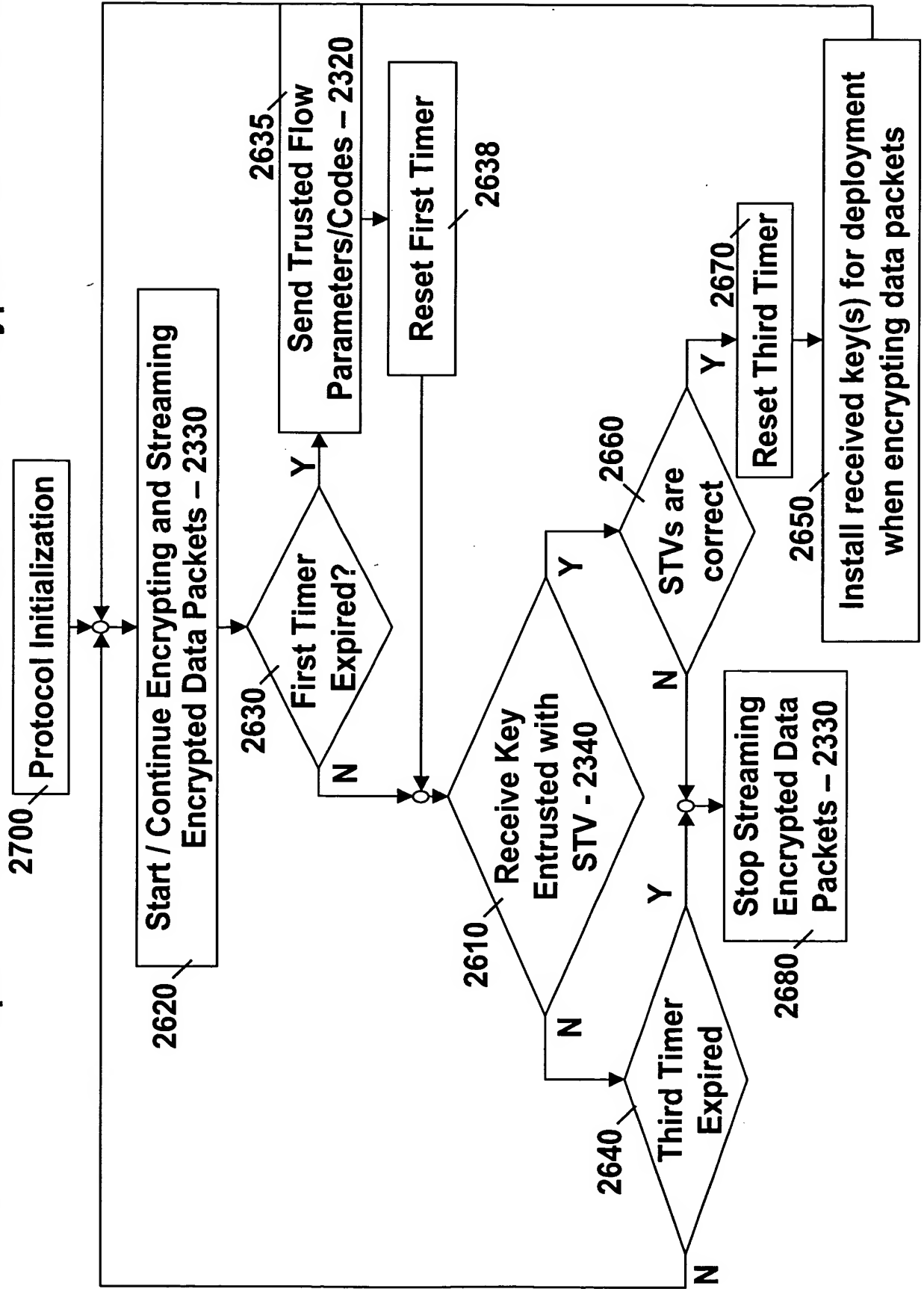
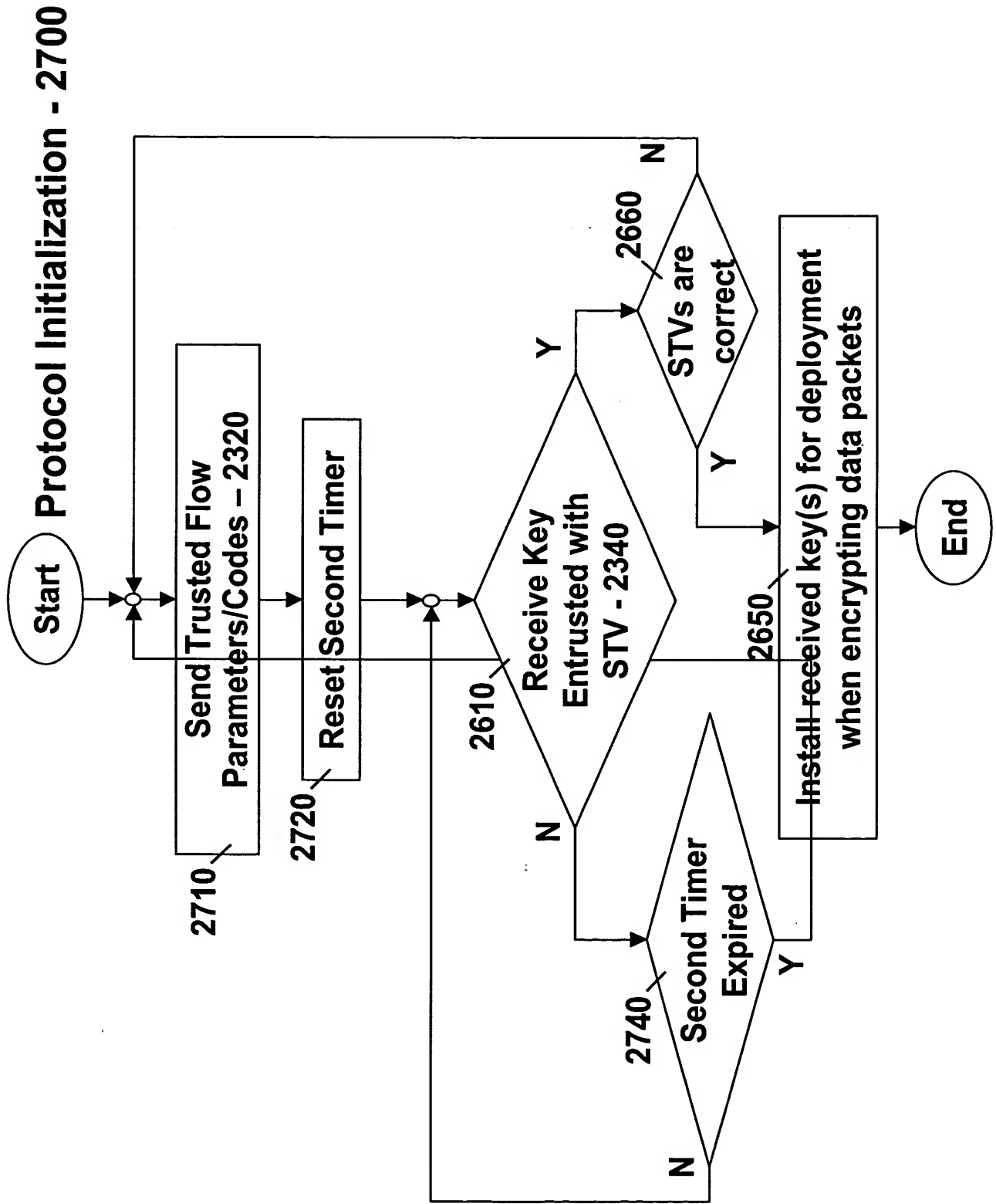


FIG. 27



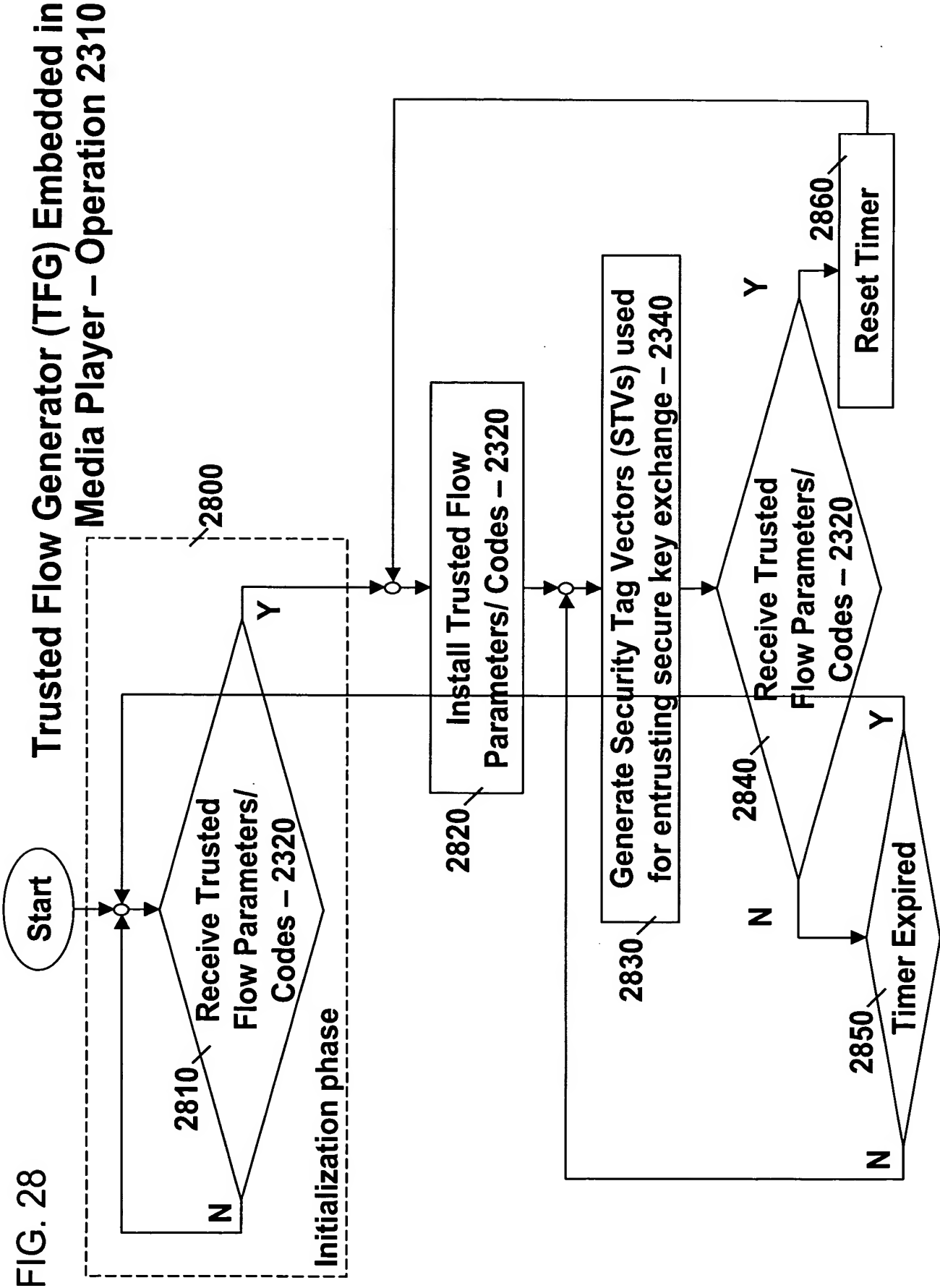


FIG. 29

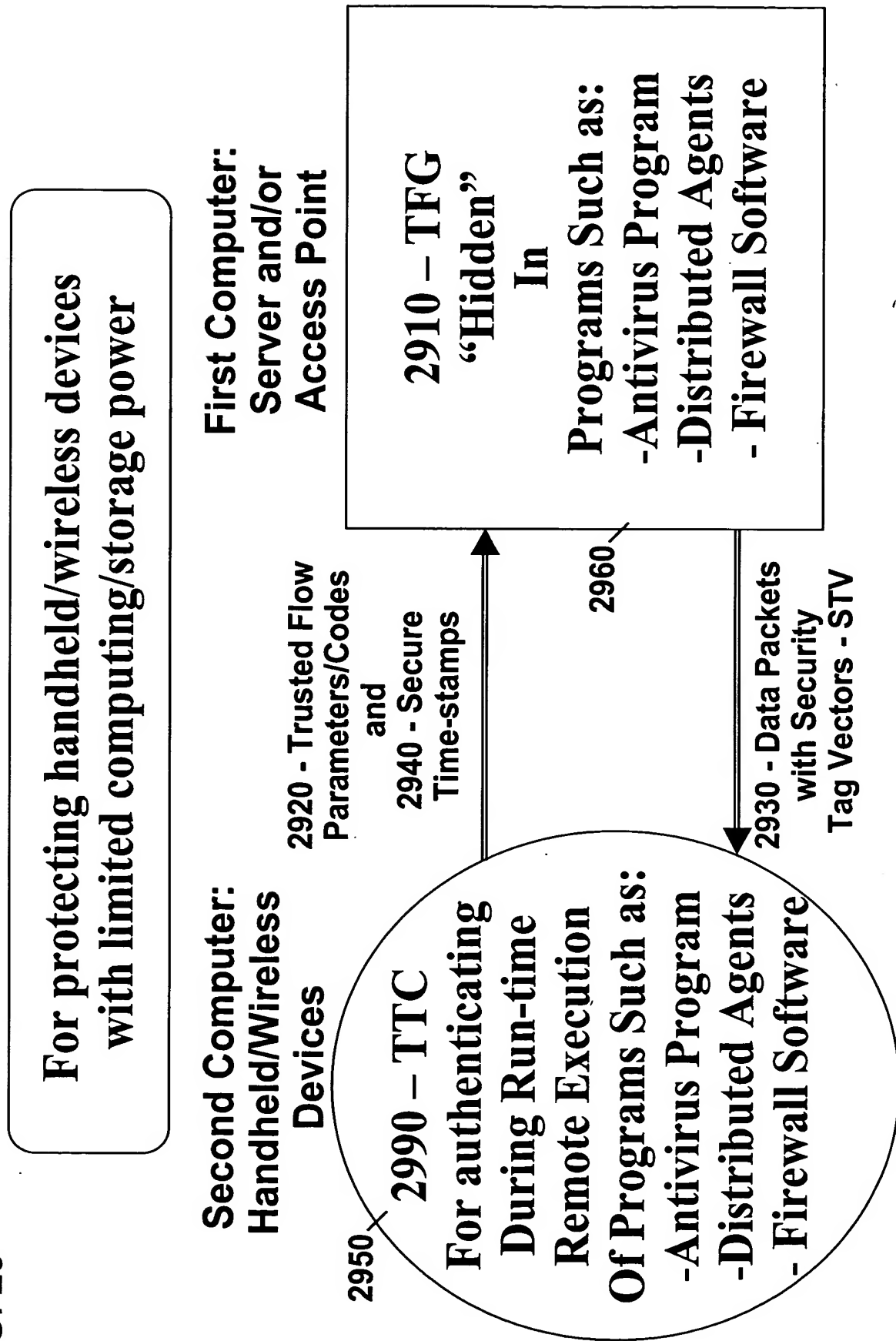


FIG. 30

